FIG 1

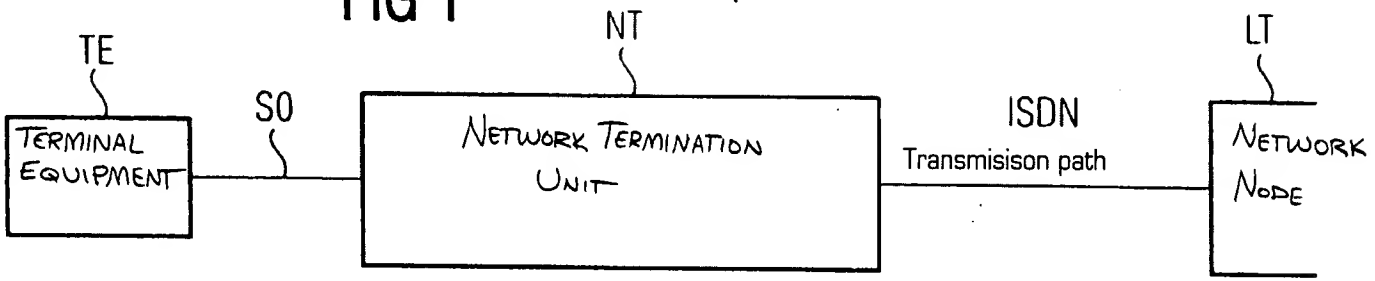
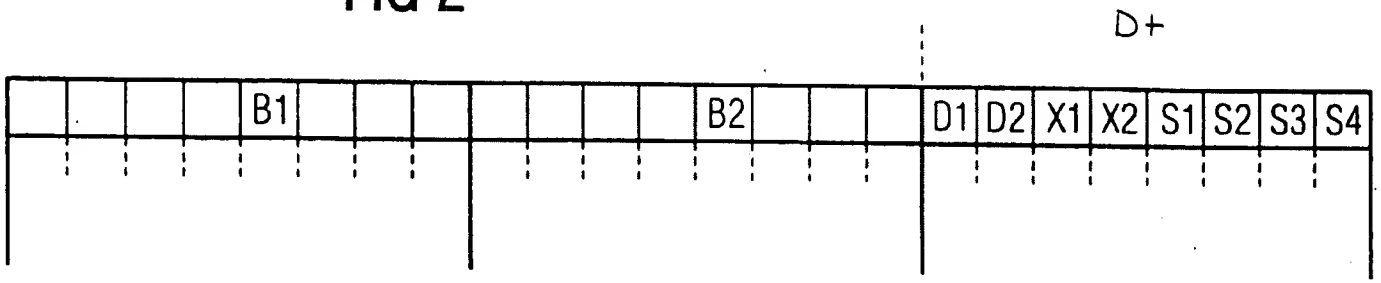

TE
TERMINAL EQUIPMENT
S0
NT
NETWORK TERMINATION UNIT
ISDN
Transmisison path
LT
NETWORK NODE

FIG 2


D+
B1
B2
D1
D2
X1
X2
S1
S2
S3
S4

DOCKET NO. 2000P50960

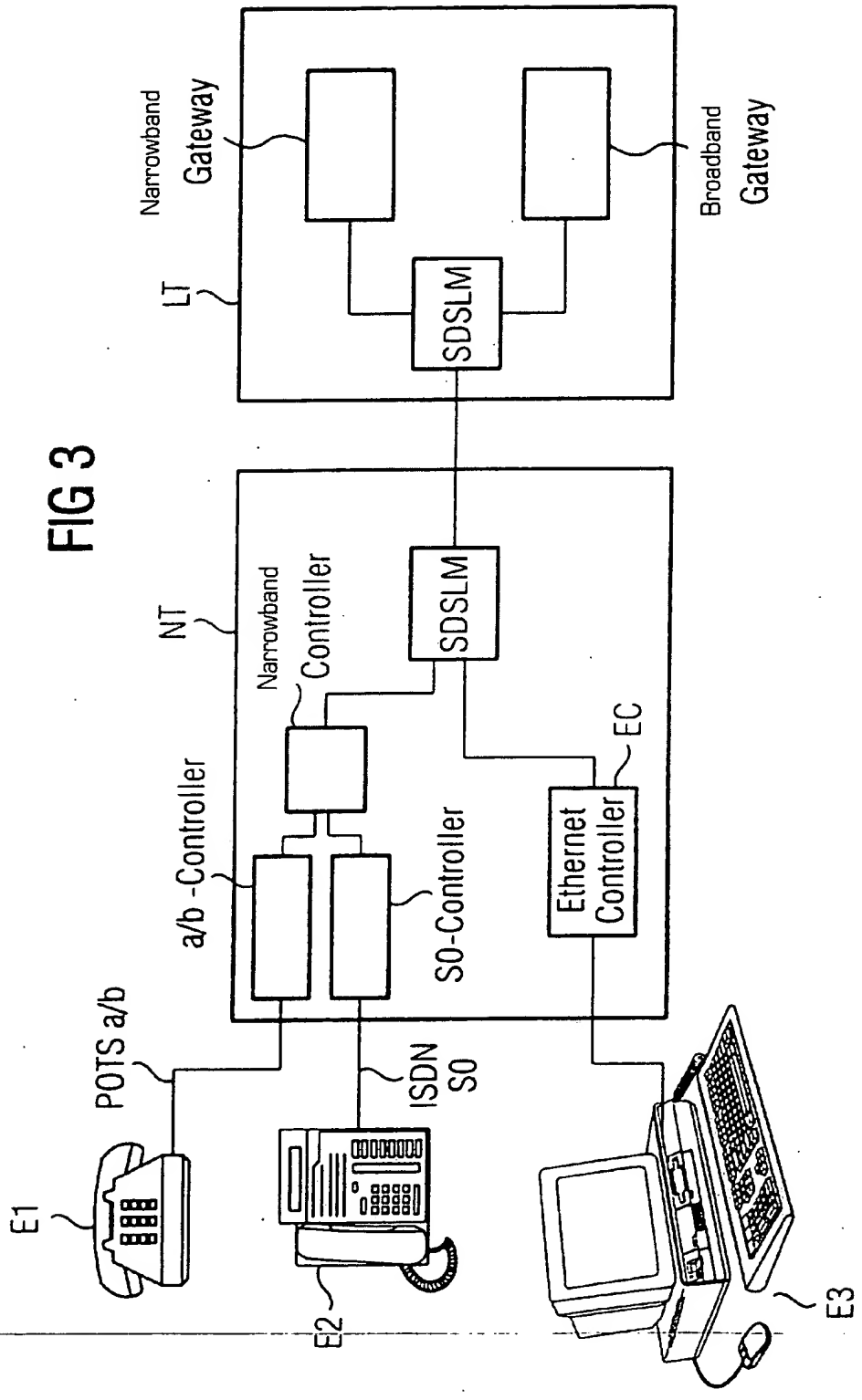
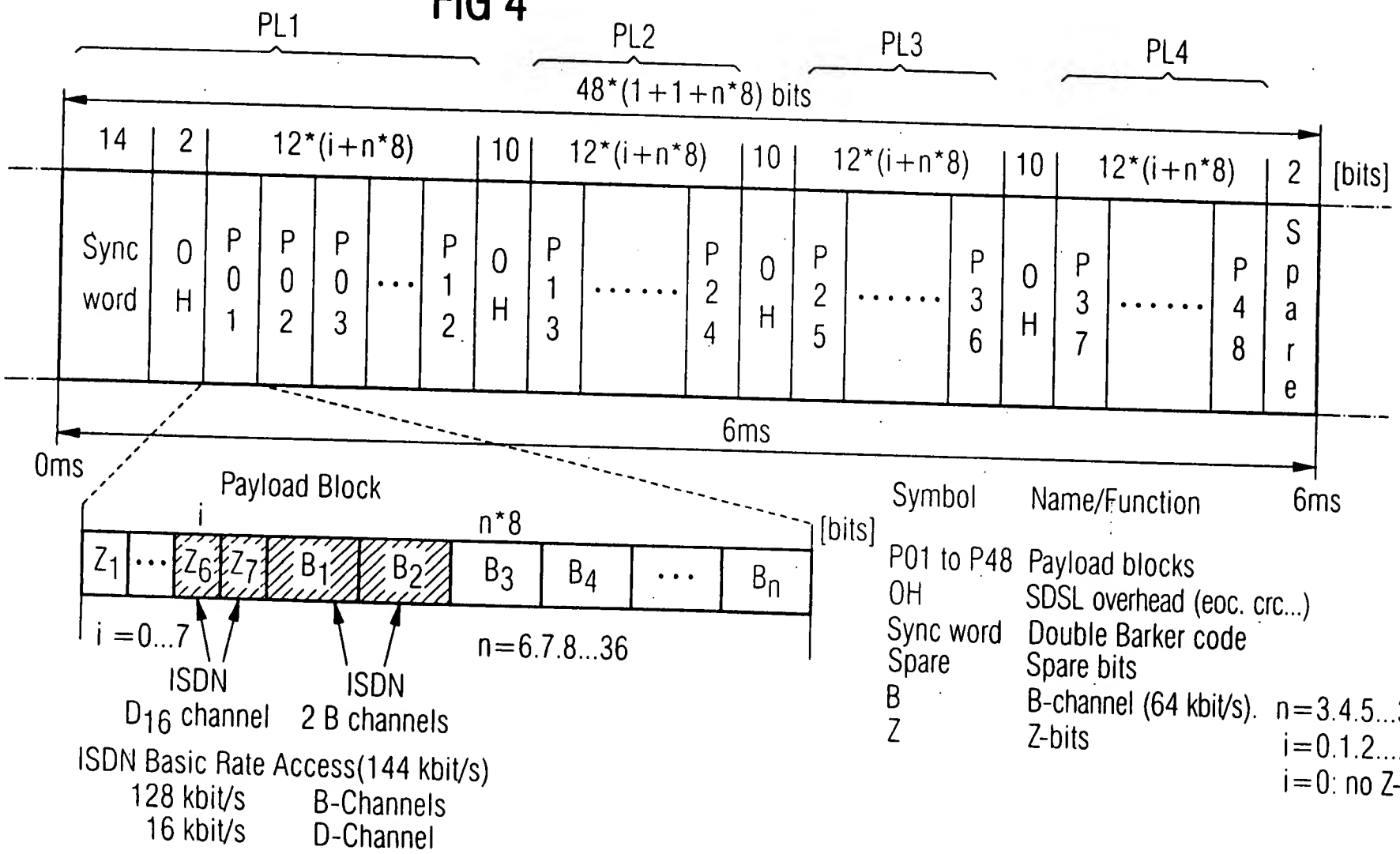


FIG 3

FIG 4



Symbol	Name/Function	
P01 to P48	Payload blocks	
OH	SDSL overhead (eoc. crc...)	
Sync word	Double Barker code	
Spare	Spare bits	
B	B-channel (64 kbit/s).	n=3.4.5...36.
Z	Z-bits	i=0.1.2....7 i=0: no Z-bits

FIG 5

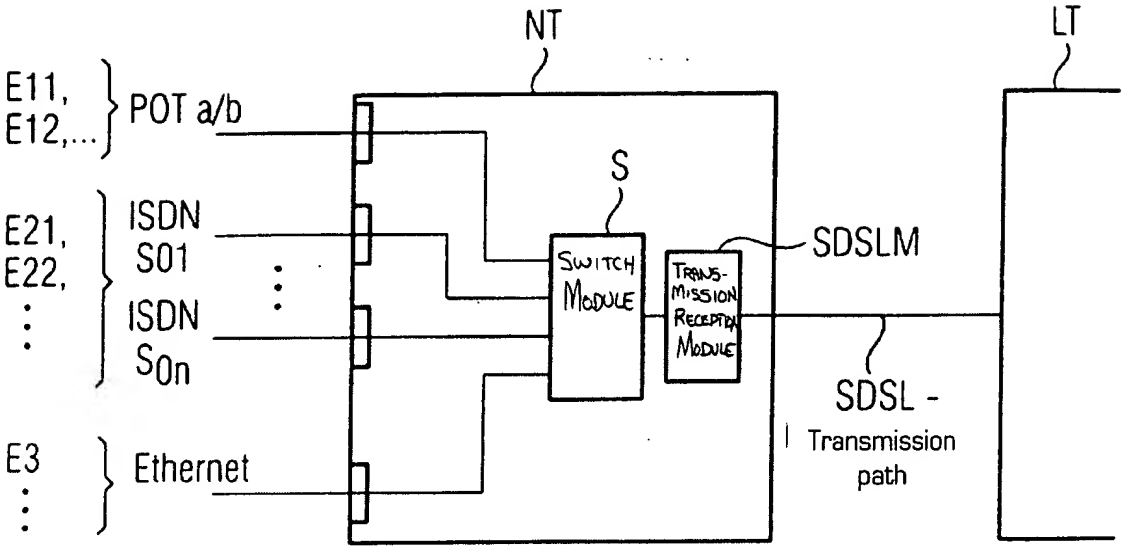
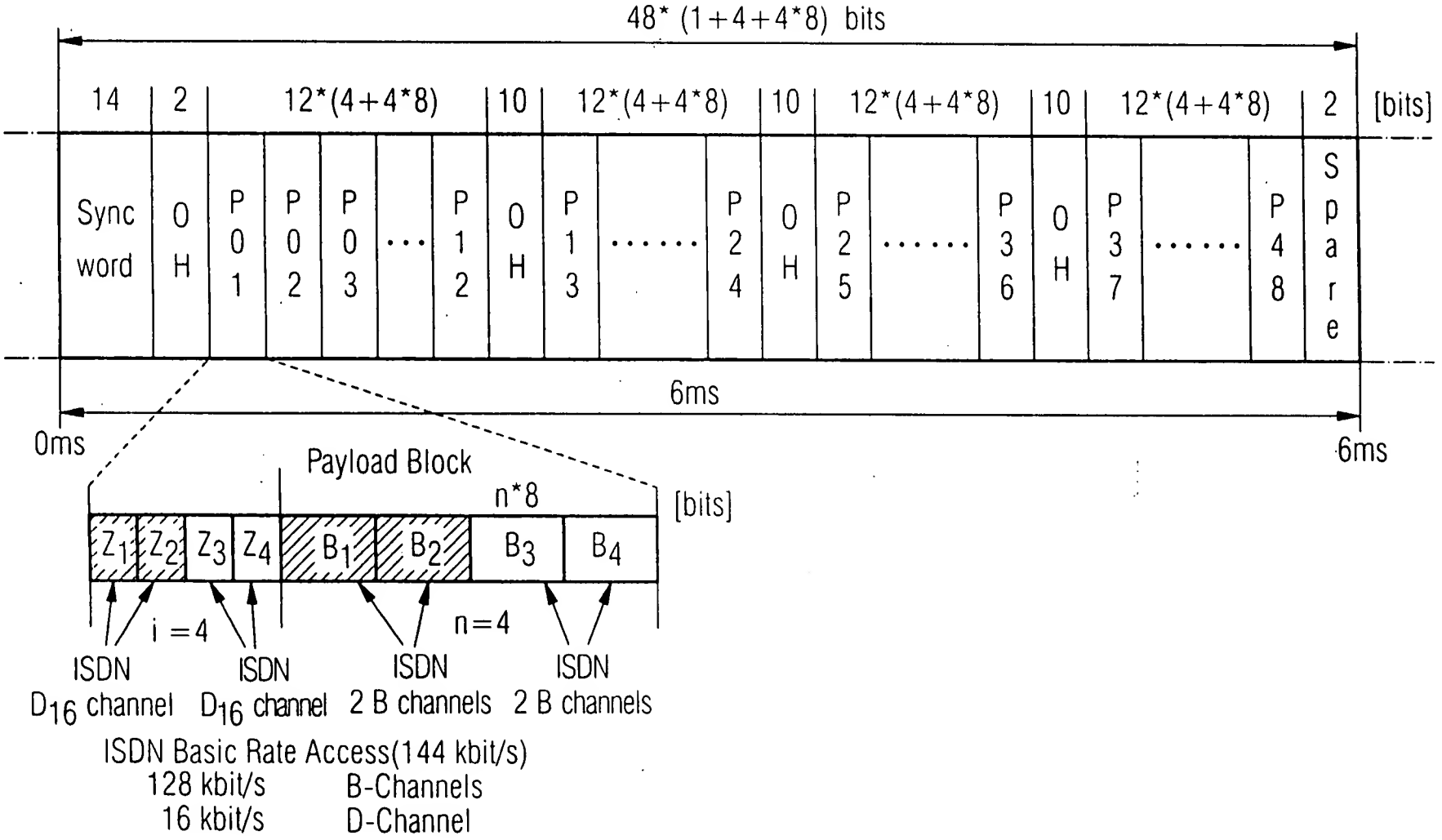


FIG 7

Eoc -Message- encoding:	Message Byte 1	Message Byte 2
Service -ID (e.g. ISDN)	Service -No. (for example, selection of an ISDN connection)	Signalling for operational purposes

FIG 6


48* (1+4+4*8) bits
14
2
12*(4+4*8)
10
12*(4+4*8)
10
12*(4+4*8)
10
12*(4+4*8)
2
[bits]
Sync word
0 H
P 0 1
P 0 2
P 0 3
P 1 2
0 H
P 1 3
P 2 4
0 H
P 2 5
P 3 6
0 H
P 3 7
P 4 8
S p a r e
6ms
0ms
6ms
Payload Block
n*8
[bits]
Z1
Z2
Z3
Z4
B1
B2
B3
B4
i = 4
n = 4
ISDN D16 channel
ISDN D16 channel
ISDN 2 B channels
ISDN 2 B channels
ISDN Basic Rate Access(144 kbit/s)
128 kbit/s B-Channels
16 kbit/s D-Channel